

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): An illumination system, comprising:

phosphore particles dispersed in a solid, durable matrix; and

a substrate;

wherein:

the matrix is in the form of a thin layer adhered to the substrate; and

the illumination system can be handled by a user.

Claim 2 (Previously Presented): The illumination system as claimed in claim 1, wherein the phosphore particles are phosphores within the visible region.

Claim 3 (Previously Presented): The illumination system as claimed in claim 1, wherein the phosphore particles can be excited by electromagnetic radiation in the UV, visible, IR region or by X-rays or by gamma rays, or by a beam of particles (electrons, ions) or by an electric field.

Claim 4 (Previously Presented): The illumination system as claimed in claim 1, wherein the matrix is inorganic.

Claim 5 (Previously Presented): The illumination system as claimed in claim 4, wherein the matrix comprises lithium silicate.

Claim 6 (Previously Presented): The illumination system as claimed in claim 4, wherein the matrix comprises a product of the polymerization/polycondensation of a silicon alkoxide.

Claim 7 (Cancelled)

Claim 8 (Previously Presented): The illumination system as claimed in claim 1, wherein the phosphore particles are in aqueous suspensions and wherein the phosphore particle size is at most equal to 100 nm and in that the assembly that the phosphore particles form with the matrix is transparent.

Claim 9 (Previously Presented): The illumination system as claimed in claim 1, wherein the size of the phosphore particles is between 0.5 and 10  $\mu\text{m}$ .

Claim 10 (Previously Presented): The illumination system as claimed in claim 9, wherein the matrix comprises particles that scatter visible light.

Claim 11 (Currently Amended): The illumination system as claimed in ~~claim 7~~ claim 1, wherein the substrate is capable of exciting phosphore particles, in particular an electroconductor, in particular of the UV electroluminescent type.

Claim 12 (Currently Amended): The illumination system as claimed in ~~claim 7~~ claim 1, wherein the substrate is capable of emitting radiation with a wavelength in the visible region under suitable excitation.

Claim 13 (Previously Presented): The illumination system as claimed in claim 12, wherein the substrate comprises glass with a cerium content capable of emitting blue light under ultraviolet radiation.

Claim 14 (Currently Amended): The illumination system as claimed in ~~claim 7~~ claim 1, wherein the substrate comprises glass in the form of a sheet, slab, tube, fiber or fabric.

Claim 15 (Currently Amended): The illumination system as claimed in ~~claim 7~~ claim 1, wherein the substrate comprises plastic.

Claim 16 (Previously Presented): The illumination system as claimed in claim 1, wherein the phosphore particles emit different wavelengths of radiation and are associated therewith, separated from each other and homogenized, so as to produce light.

Claim 17 (Previously Presented): The illumination system as claimed in claim 1, wherein the phosphore particles that are identical or emit different wavelengths are associated therewith in variable compositions and/or concentrations, so as to form signs such as written or similar signs, or for a decorative purpose, or any other purpose.

Claim 18 (Currently Amended): A method of applying an illumination system, comprising The application of an applying the illumination system as claimed in claim 1 to a transparent device.

Claim 19 (Currently Amended): A method of applying an illumination system,  
comprising ~~The application of an~~ applying the illumination system as claimed in claim 1 to a  
light-scattering device.

Claim 20 (Currently Amended): A method of applying an illumination system,  
comprising ~~The application~~ applying the illumination system as claimed in claim 1 ~~as~~  
~~claimed in claim 18~~ to a lamp, ~~in particular a thin one, or to a device illuminating at night, in~~  
~~particular for signs, or for decorative purposes, or to a flat lamp.~~

Claim 21 (Currently Amended): A method of applying an illumination system,  
comprising ~~The application~~ applying the illumination system as claimed in claim 1 ~~as claimed~~  
~~in claim 18~~, to at least one member selected from the group consisting of monolithic,  
laminated, single glazing or multiple glazing designed for buildings, ~~to a transport vehicles,~~  
~~such as an automobile rear window, side window or roof, to any other terrestrial or aquatic~~  
~~vehicle or aircraft, to street furniture, such as a bus shelter, to a road signs, or to an~~  
~~advertisement panels, to an aquariums, to a store window, to a glasshouse, to interior~~  
~~furniture, to a mirrors, to a screens for a display systems of the computer type, to a television,~~  
~~to a telephones, to electrically controllable glazing such as electrochromic glass, to liquid~~  
~~crystals, to electroluminescent materials or to and photovoltaic glasses.~~